BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Sub estimate for Providing water supply and sanitary for Govt school building at Byatarayanprua in ward no. 07.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							Estimate Cost Rs.		60000.00
1	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having thermal stability for **hot and cold water supply** including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing, this including jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete(internal work exposed on wall), **2025 (25 mmOD) pipe Page No. 104 / Item No. 13.83.3/ PWD SR 2013-14**	M							
			1	22.00			22.00		
							22.00	360.40	**7929.00**
	Basic Rate	340.00							
	Area Weightage @ 6%	20.40							
	Total	**360.40**							
2	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing, this including jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete(internal work exposed on wall), **2532 (32 mmOD) pipe Page No. 105 / Item No. 13.83.4/ PWD SR 2013-14**	M							
			1	22.00			22.00		
							22.00	466.40	**10261.00**
	Basic Rate	440.00							
	Area Weightage @ 6%	26.40							
	Total	**466.40**							
3	KSRB 13-6.2.2: Providing and fixing in position brass stop cock of approved quality **20mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.2 / 13.3 **Page No. 97 / Item No. 13.27 / PWD SR 2013-14**	Each							
			2				2		
							2	169.60	**339.00**
	Basic Rate	160.00							
	Area Weightage @ 6%	9.60							
	Total	**169.60**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 13-6.1.2: Providing and fixing in position brass bib cock of approved quality **mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.2 / 13.3 **Page No. 96 / Item No. 13.24 / PWD SR 2013-14**	Each							
			2				2		
							2	255.46	**511.00**
	Basic Rate	241.00							
	Area Weightage @ 6%	14.46							
	Total	**255.46**							
5	KSRB 11-18-1.1: Providing and fixing sand cast iron soil waste and vent pipes 100mm dia with spun yarn soaked in cement slurry and cement mortar 1:2 including cost of materials, labour complete as per specifications. KBS 11.1.10 **Page No. 85 / Item No. 12.47 PWD SR 2013-14**	m							
			4	5.00			20.00		
							20.00	730.34	**14607.00**
	Basic Rate	689.00							
	Area Weightage @ 6%	41.34							
	Total	**730.34**							
6	KSRB 11-18-2.1: Providing and fixing sand cast iron soil waste bends 100mm dia with access door, insertion of rubber washers 3mm thick bolts and nut, with spun yarn soaked in cement Slurry and cement mortar 1:2 including cost of materials, labour, testing complete as per specifications. **Page No. 86 / Item No. 12.50 PWD SR 2013-14**	Each							
			2				2		
							2	538.48	**1077.00**
	Basic Rate	508.00							
	Area Weightage @ 6%	30.48							
	Total	**538.48**							
7	KSRB 11-18-19.2: providing and fixing M.S. stays and clamps for sand cast iron pipes of 75mm dia including cost of materials, labour complete as per specifications. **Page No. 91 / Item No. 12.100 PWD SR 2013-14**	No							
			2				2		
							2	174.90	**350.00**
	Basic Rate	165.00							
	Area Weightage @ 6%	9.90							
	Total	**174.90**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	Providing and fixing CI Nahani Trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). 12.5 cms x 7.5 cms, **Page No. 92 / Item No. 12.113.2 PWD SR 2013-14**	Each							
			2				2		
							2	302.10	**604.00**
	Basic Rate	285.00							
	Area Weightage @ 6%	17.10							
	Total	**302.10**							
9	KSRB 12.7.1 : Making connection of drain or sewer line of size 100 to 230mm external dia with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix 20mm and downsize granite metal, cement plastered on both sides of mix 1:3 finished with a floating coat of heat cement, and making necessary channels for the drain, including cost of materials, labour charges curing complete as per specifications. **Page No. 75 / Item No. 11.47 PWD SR 2013-14**	nos							
			2				2		
							2	1378.00	**2756.00**
	Basic Rate	1300.00							
	Area Weightage @ 6%	78.00							
	Total	**1378.00**							
10	KSRB 13.11.1: Providing and placing on terrace. Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. **(For 1000 litre capacity)** Specification NO. KBS 13.22 **Page No. 103 / Item No. 13.78 / PWD SR 2013-14**	Nos							
			2				**2**	8831.92	**17664.00**
	Basic Rate	8332.00							
	Area Weightage @ 6%	499.92							
	Total	**8831.92**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
11	KSRB 12-1.5 : Providing and laying in position to required level or slope 250mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications **Page No. 72 / Item No. 11.5/ PWD SR 2013-14**	m							
			1	6.00			**6.00**	558.62	**3352.00**
	Basic Rate	527.00							
	Area Weightage @ 6%	31.62							
	Total	**558.62**							
12	Miscesalaneous Charges								
									550.00
								Total	**60000.00**
	(Rupees Sixty Lakhs Only)								

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR 2013-14 & KPWD SR 2011-12.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Junior Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehallli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
1/11/2014

Original estimate Amount is Rs. 19.80 lakhs.

A/S. NO: 14/11-12
dt: 27.06.11

T/S. NO: SE/YNK/51
2011,
dt: 21/7/2011

An Lumpsum amount of Rs. 6000.00 was provided in the original estimate. Now the detailed estimate for an amount of Rs. 6000.00 is submitted for approval.

Technical Sanction for Rs. 60000/-
Sixty thousand only.
Subject
No: EE/BTM/ EE/BTP/274/13-14
13-14, 2/11/14
AEE/JE
EE (BTP.Div.)

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara Palike
Bangalore 92
1/11/2014